

**What is claimed is:**

1. A latch for a rechargeable battery pack, comprising:
  - a. a planar member;
  - b. at least one spring retention post coupled to the planar member;
  - 5 c. at least one insertion snap coupled to the planar member; and
  - d. at least one barbed wing member coupled to the planar member, extending distally outward from the planar member.
2. The latch of claim 1, further comprising at least one mechanical stop coupled to the planar member.
- 10 3. The latch of claim 2, further comprising at least one barbed wing member support, wherein the at least one barbed wing member support extends perpendicularly from the planar member such that the barbed wing member is in a non-coplanar geometric relationship with the planar member.
4. The latch of claim 2, further comprising a finger grip on the planar member.
- 15 5. The latch of claim 1, wherein the latch comprises two barbed wing members, wherein a first barbed wing member extends distally from a first edge of the planar member, and a second barbed wing member extends distally from a second edge of the planar member, wherein the first barbed wing member and the second barbed wing member are collinear.
6. The latch of claim 3, wherein each of the barbed wing members comprises at least one  
20 barb, wherein the at least one barb extends from the barbed wing members perpendicularly.
7. The latch of claim 6, wherein the at least one barb comprises at least one inclined planar member.

8. The latch of claim 7, wherein the latch is manufactured from a material selected from the group consisting of plastics, styrene, ABS, polystyrene, acrylic, polycarbonates, resin, and rubber.
9. A rechargeable battery pack, comprising:
  - 5           a. at least one rechargeable battery cell;
  - b. a housing comprising a top and a bottom, into which the at least one rechargeable battery cell is placed, wherein the housing comprises at least one latch aperture for receiving a battery latch; and
  - c. the latch of claim 1.
- 10       10. The battery pack of claim 9, further comprising a butterfly spring.
11. The battery pack of claim 10, wherein the latch aperture comprises at least one spring retention post.
12. The battery pack of claim 9, wherein the latch aperture comprises at least one slot for receiving the at least one insertion snap.
- 15       13. The battery pack of claim 9, wherein the latch aperture comprises at least one slot for receiving the at least one mechanical stop.
14. The battery pack of claim 9, wherein the latch aperture comprises at least one slot for receiving the at least one barbed wing member.